

1/12

FIG.1

Step A

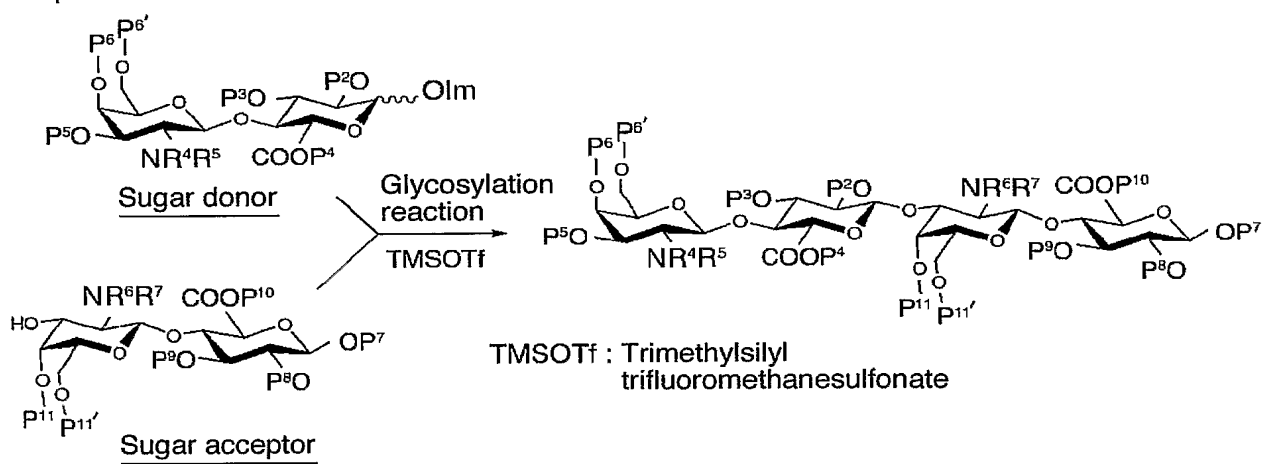
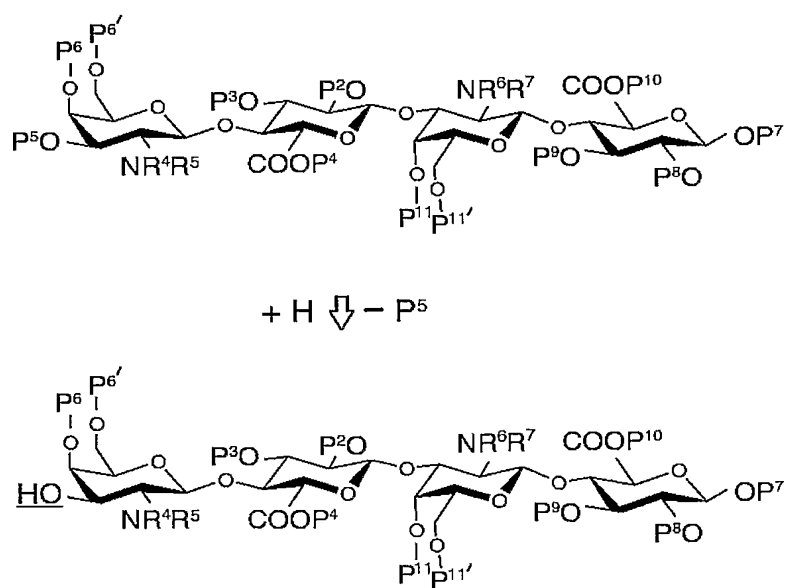


FIG.2

Step B



2/12

FIG.3

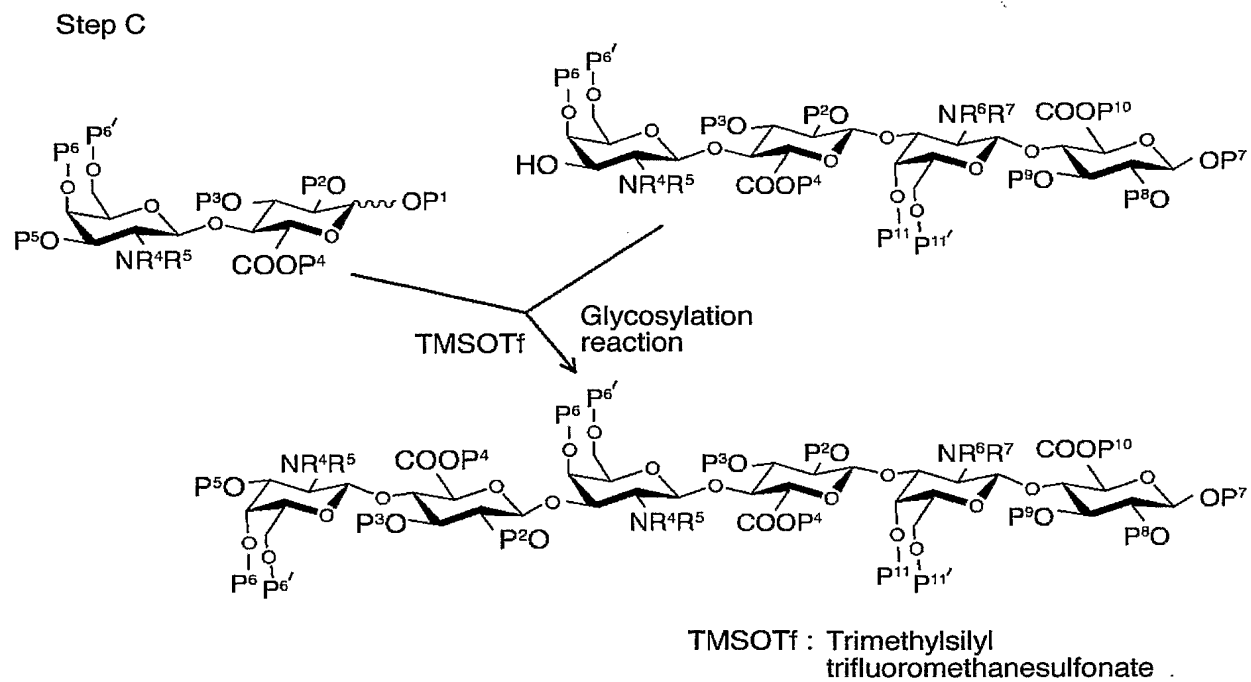
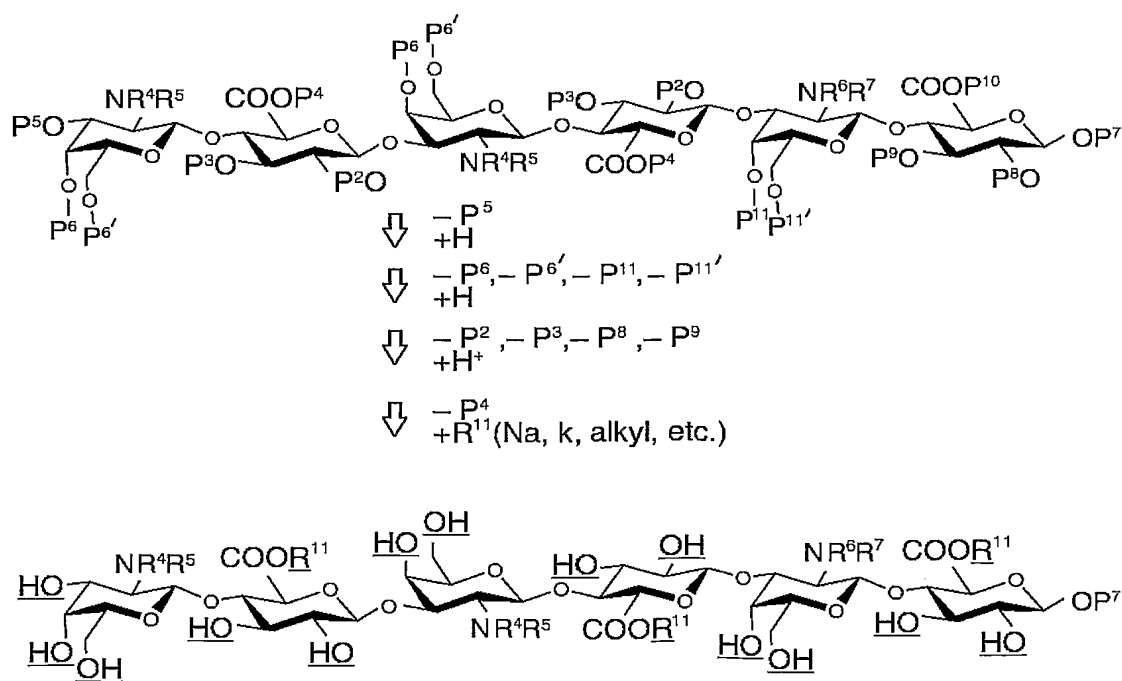
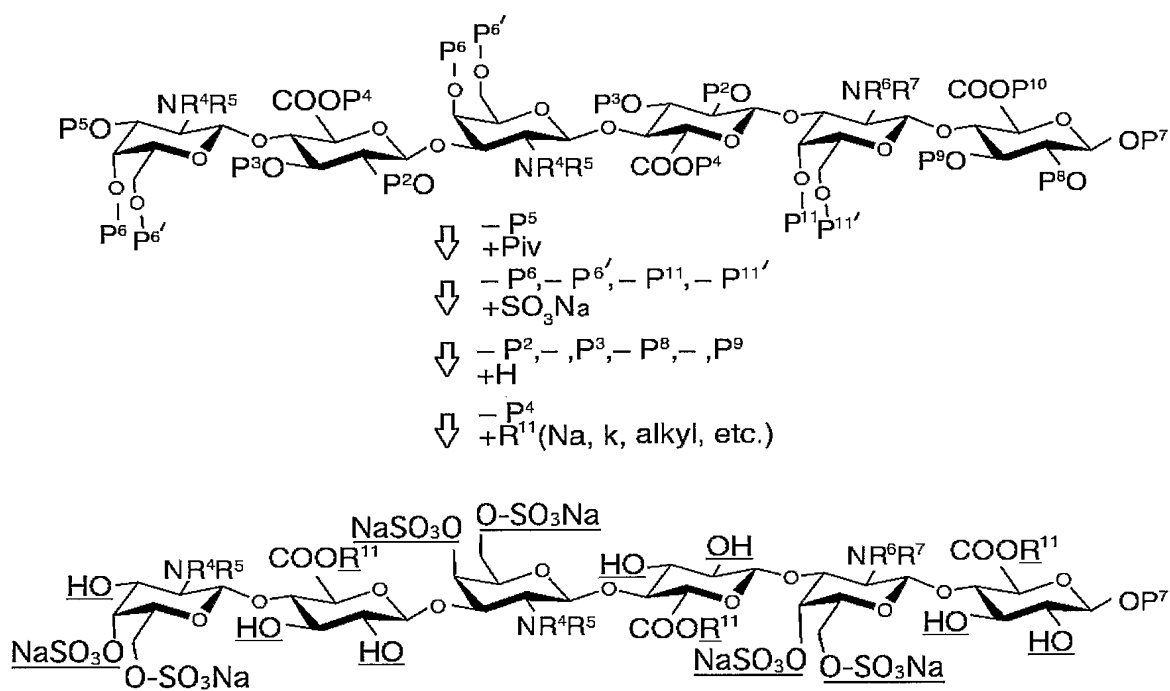


FIG.4



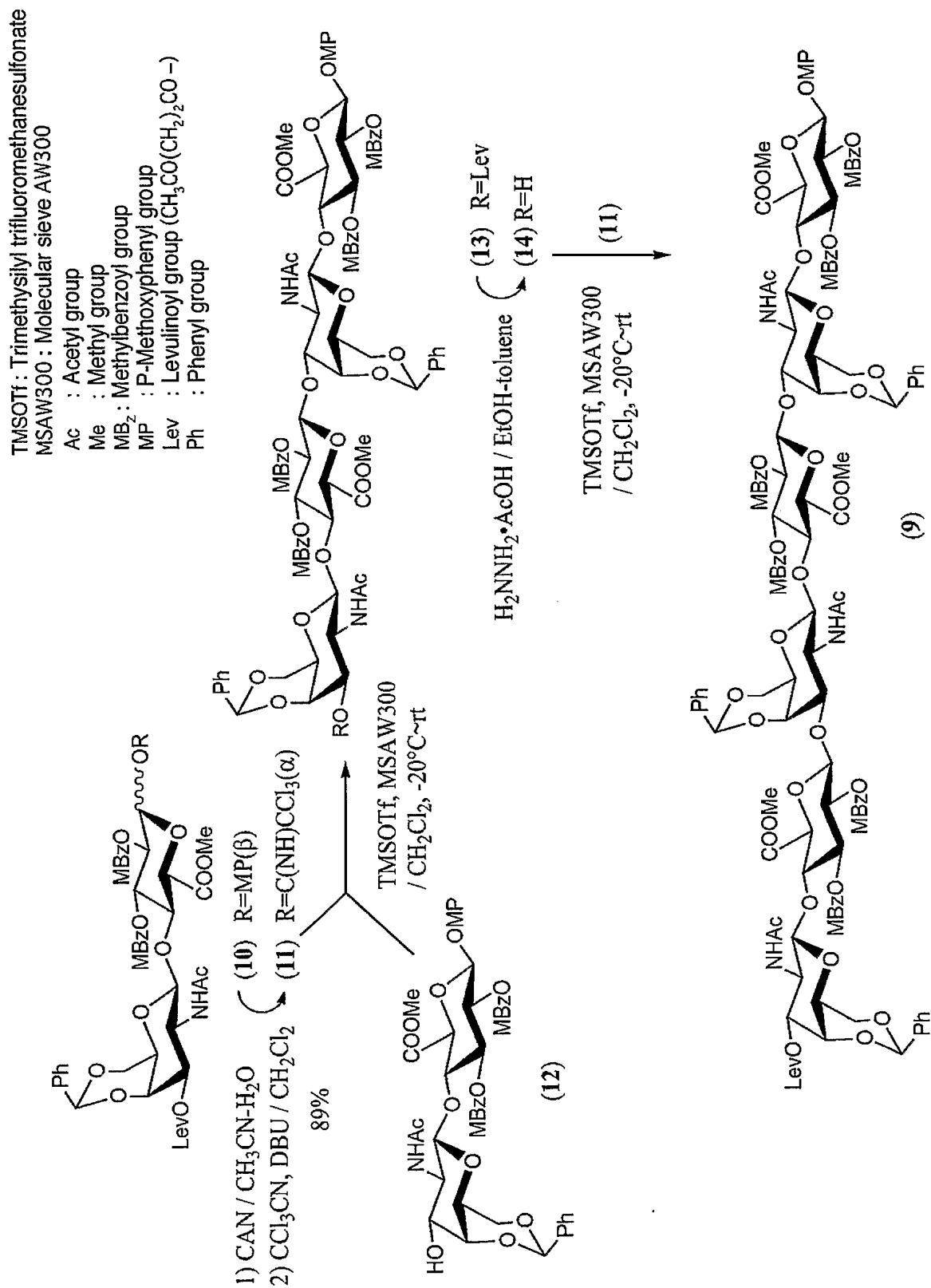
3/12

FIG.5



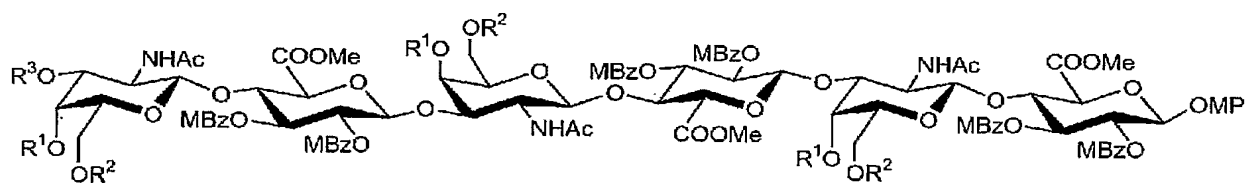
4/12

FIG.6-1



5/12

FIG.6-2



(9) $R^1, R^2 = >CHPh, R^3 = Lev$

(15) $R^1, R^2 = >CHPh, R^3 = H$

(16) $R^1, R^2 = >CHPh, R^3 = Piv$

(17) $R^1 = R^2 = R^3 = H$

(18) $R^1 = R^2 = H, R^3 = Piv$

(19) $R^1 = R^2 = SO_3Na, R^3 = Piv$

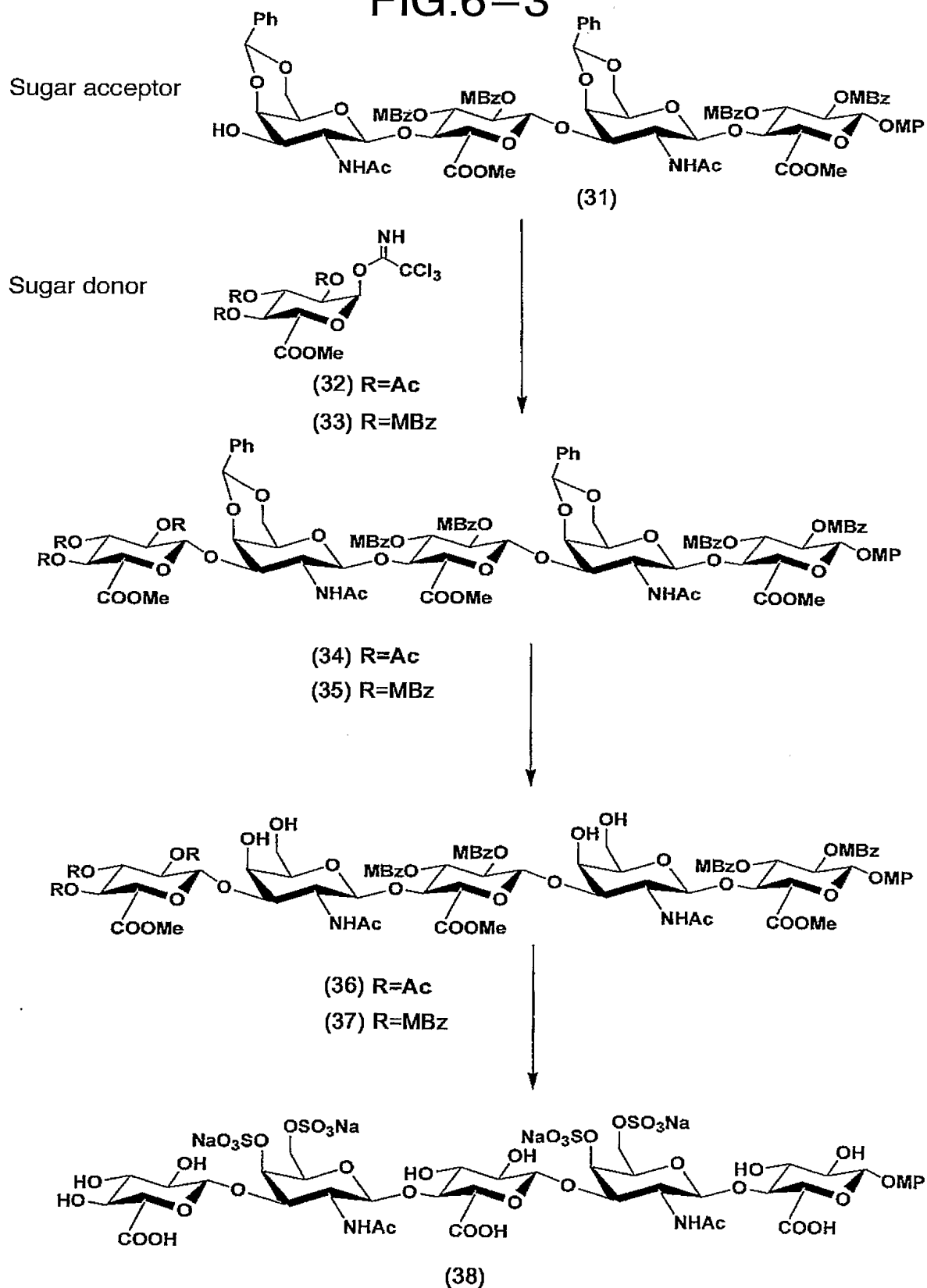
20

21

Ac : Acetyl group
 Me : Methyl group
 MBz : Methylbenzoyl group
 MP : P-Methoxyphenyl group
 Lev : Levulinoyl group ($CH_3CO(CH_2)_2CO-$)
 Piv : Pivaloyl group ($(CH_3)_3(CO-)$)
 Ph : Phenyl group

6/12

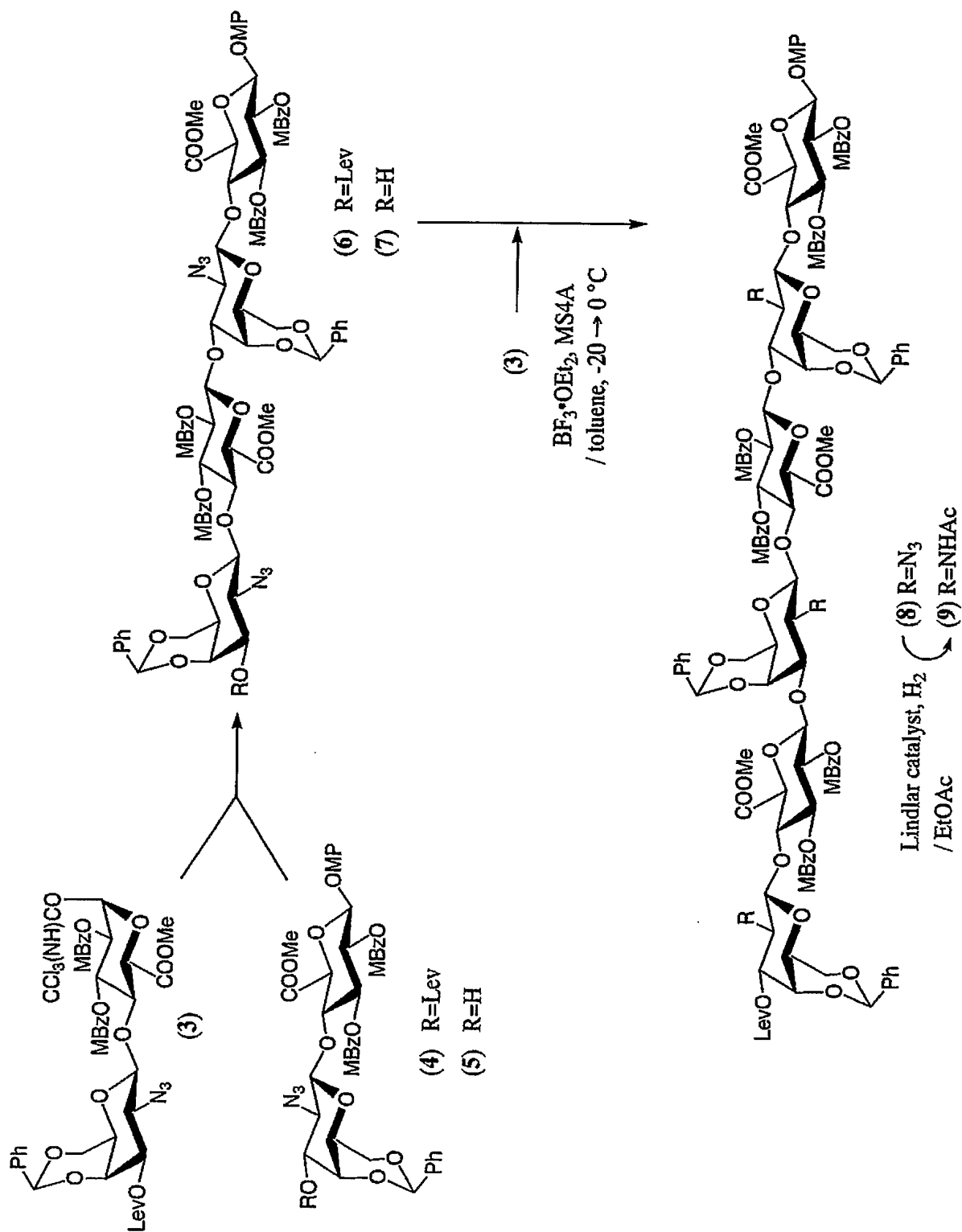
FIG.6-3



Abbreviations: Me, CH₃-; MBz, *p*-MeC₆H₄CO-; MP, *p*-MeOC₆H₄-; Ac, CH₃CO-; Ph, C₆H₅-.

7/12

FIG. 7



8/12

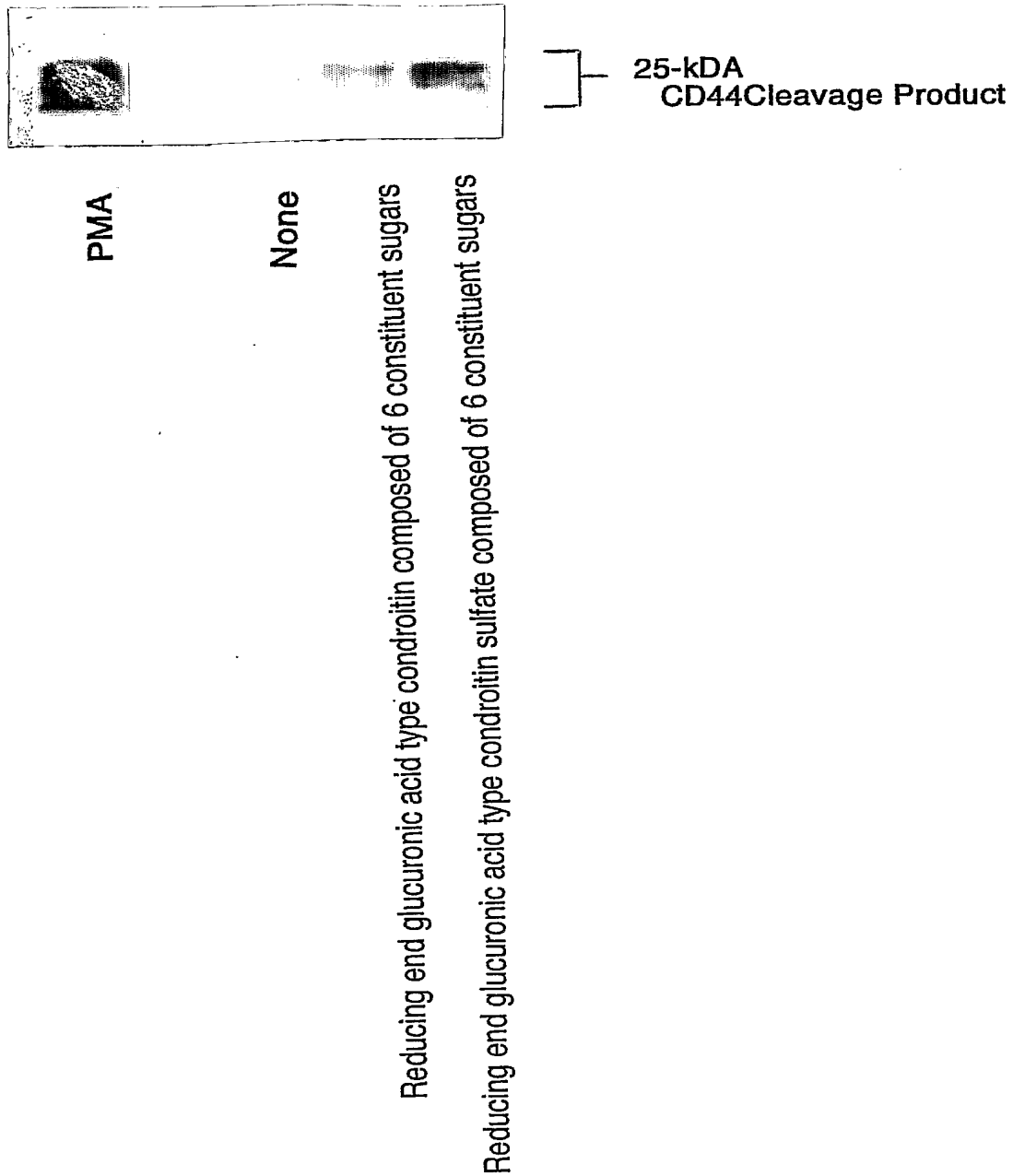
FIG.8

<Test Method>

- ↓ MIA PaCa-2 (human pancreatic carcinoma cell line) is plated on 24-well plate (1×10^5 / well)
- ↓ Incubation (37°C, overnight)
- ↓ Incubation (37°C, 30min) with 10 μ M cysteine protease inhibitor (MQ132) added
- ↓
 - Incubation (37°C, 60min) with RCE6 or RC6 added
 - positive control : Incubation (37°C, 30min) with Phorbol myristic acid ester added
 - negative control : Nothing is added
- ↓ Cells are collected after lysated with SDS buffer
- ↓ SDS PAGE
- ↓ Western blotting assay
 - Primary antibody : anti-human cytoplasm CD44 rabbit polyclonal antibody
 - Secondary antibody : horseradish peroxidase conjugated goat anti-rabbit IgG

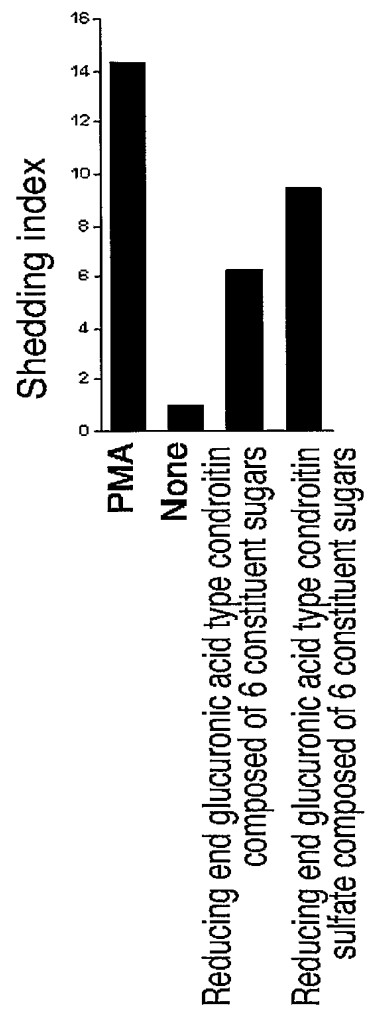
9/12

FIG.9



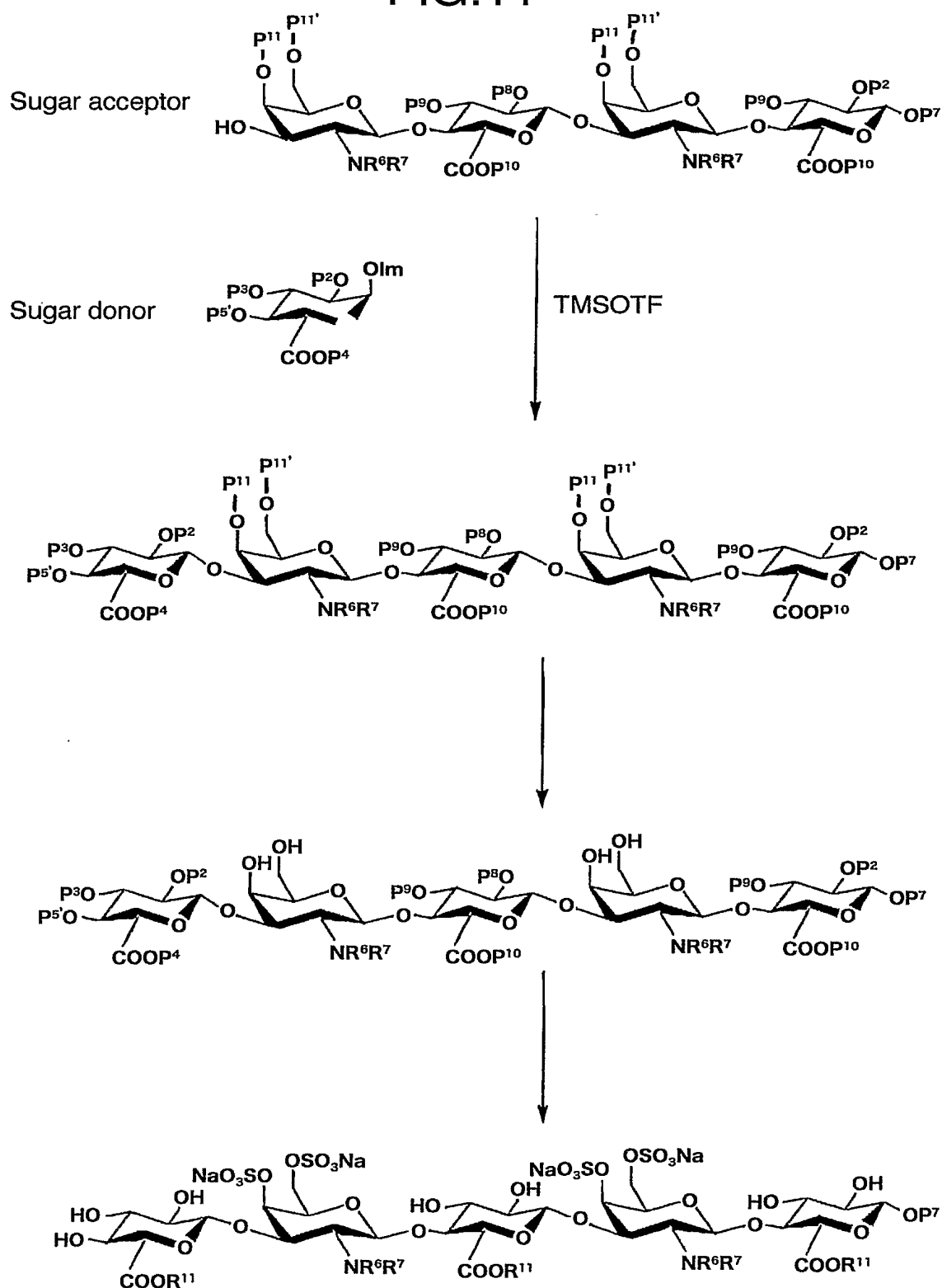
10/12

FIG.10



11/12

FIG.11



12/12

FIG.12

